

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L2	7	("aluminum dioxide" or alo2 or "titanium dioxide" or tio2 or "boron nitrite" or "aluminum nitride" or aln or "silicon carbide" or "silicon dioxide" or sio2) same(coat\$3 or cover\$3 or encapsulat\$3) same (ceramic or piezoelectric) adj3 actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWE NT; IBM_T DB	2004/12/28 08:46	



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( ("aluminum dioxide" <or> alo2) <near> (coated <or> coating <or> e	

Query: ( ("aluminum dioxide" alo2) (coated coating encapsulated covered covering) (ceramic piezoelectric) actuator) ( ( (Y) ) license ) ( ( (CA) ) invt\_country ) (ISD>=01/01 /1999) (ISD<=02/05 /2000)

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12/28/2004 -  
09:20:12

Query :

(( ("titanium dioxide" <or> tio2) <near> (coated <or> coating <or> en

Query: (( ("titanium dioxide" tio2) (coated coating encapsulated covered covering) (ceramic piezoelectric) actuator) (( (Y) ) license) (( (CA) ) invt\_country) (ISD>=01/01 /1999) (ISD<=02/05 /2000) )

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**Search Results** 12/28/2004 - 09:20:52

Search Query :

((("boron nitrite" <or> tio2) <near> (coated <or> coating <or> enca

Query: ((("boron nitrite" tio2) (coated coating encapsulated covered covering) (ceramic piezoelectric) actuator) ((Y) license) ((CA) invt\_country) (ISD>=01/01 /1999) (ISD<=02/05 /2000) ))

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## Canadian Patents Database

### Search Results

12/28/2004 -  
09:21:22

Search Query :

(( (( ("silicon carbide" <or> tio2) <near> (coated <or> coating <or> e

Query: (( (( ("silicon carbide" tio2) (coated coating encapsulated covered covering) (ceramic piezoelectric) actuator) (( (Y) ) license) (( (CA) ) invt\_country) (ISD>=01/01 /1999) (ISD<=02/05 /2000) )))

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Search    Query :

(((((("silicon dioxide" <or>sio2) <near> (coated <or> coating <or>

Query: ((((((("silicon dioxide" sio2) (coated coating encapsulated covered covering) (ceramic piezoelectric) actuator) ((Y) ) license) ((CA) ) invt\_country) (ISD>=01/01 /1999) (ISD<=02/05 /2000) ))))

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## Canadian Patents Database

### Search Results

12/28/2004 -  
09:22:36

Query :

(((((("aluminum dioxide" <or> "aluminium dioxide" or alo2) <near

Query: ((((((("aluminum dioxide" "aluminium dioxide" or alo2)  
(coated coating encapsulated covered covering) (ceramic  
piezoelectric) actuator) (( (Y) ) license ) (( (CA) ) invt\_country )  
(ISD>=01/01 /1999) (ISD<=02/05 /2000) )))))

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Applicant, Title of invention, Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
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piezoelectric ceramic actuator

AND

AND

aln

AND

AND

AND

AND

Date of publication of application — e.g. 19980401 - 19980405

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AND

IPC — e.g. D01B7/04 A01C11/02

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Applicant, Title of invention, Abstract — e.g. computer semiconductor

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piezoelectric ceramic actuator

AND

▼

AND

silicon carbide

AND

▼

AND

AND

▼

AND

Date of publication of application — e.g. 19980401 - 19980405

 - 

AND

IPC — e.g. D01B7/04 A01C11/02

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One letter word or Stopwords are not searchable.

piezoelectric ceramic actuator

AND

AND

silicon dioxide

AND

AND

AND

AND

Date of publication of application — e.g. 19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

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Number Search

Applicant, Title of invention, Abstract — e.g. computer semiconductor

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piezoelectric ceramic actuator

AND

AND

sio2

AND

AND

AND

AND

Date of publication of application — e.g. 19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

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Number Search

**Applicant, Title of invention, Abstract** — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
One letter word or Stopwords are not searchable.

piezoelectric ceramic actuator

AND

AND

aluminum dioxide

AND

AND

AND

AND

**Date of publication of application** — e.g. 19980401 - 19980405

AND

**IPC** — e.g. D01B7/04 A01C11/02

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Number Search

Applicant, Title of invention, Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
One letter word or Stopwords are not searchable.

piezoelectric ceramic actuator

AND

AND

alo2

AND

AND

AND

AND

Date of publication of application — e.g. 19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

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Number Search

Applicant, Title of invention, Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
One letter word or Stopwords are not searchable.

piezoelectric ceramic actuator

AND

AND

titanium dioxide

AND

AND

AND

AND

Date of publication of application — e.g. 19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

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Number Search

Applicant, Title of invention, Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
One letter word or Stopwords are not searchable.

piezoelectric ceramic actuator

AND

AND

tio2

AND

AND

AND

AND

Date of publication of application -- e.g. 19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

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**Applicant, Title of invention, Abstract** — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
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piezoelectric ceramic actuator

AND ▼

AND

boron nitride

AND ▼

AND

AND ▼

AND

**Date of publication of application** — e.g. 19980401 - 19980405

-

AND

**IPC** — e.g. D01B7/04 A01C11/02

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Text Search

If you want to conduct a Number Search, please click on the button to the right.

Number Search

Applicant, Title of invention, Abstract — e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.  
One letter word or Stopwords are not searchable.

piezoelectric ceramic actuator

AND

AND

aluminum nitride

AND

AND

AND

AND

Date of publication of application — e.g. 19980401 - 19980405

-

AND

IPC — e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.



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